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FIG. 1

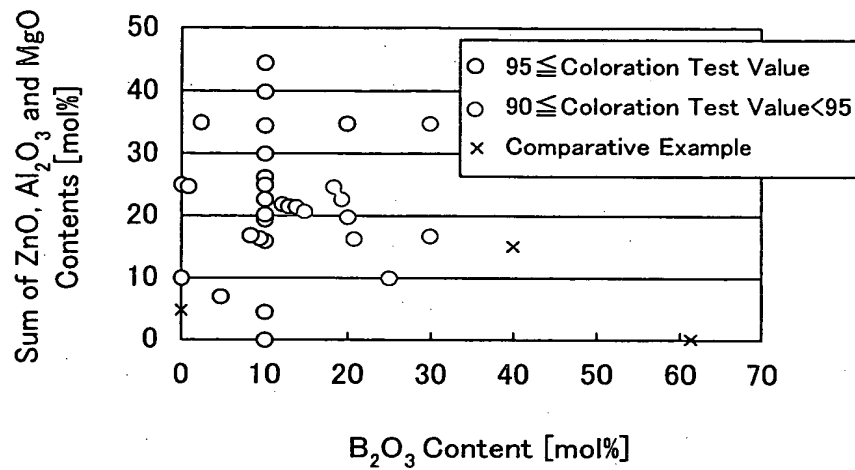
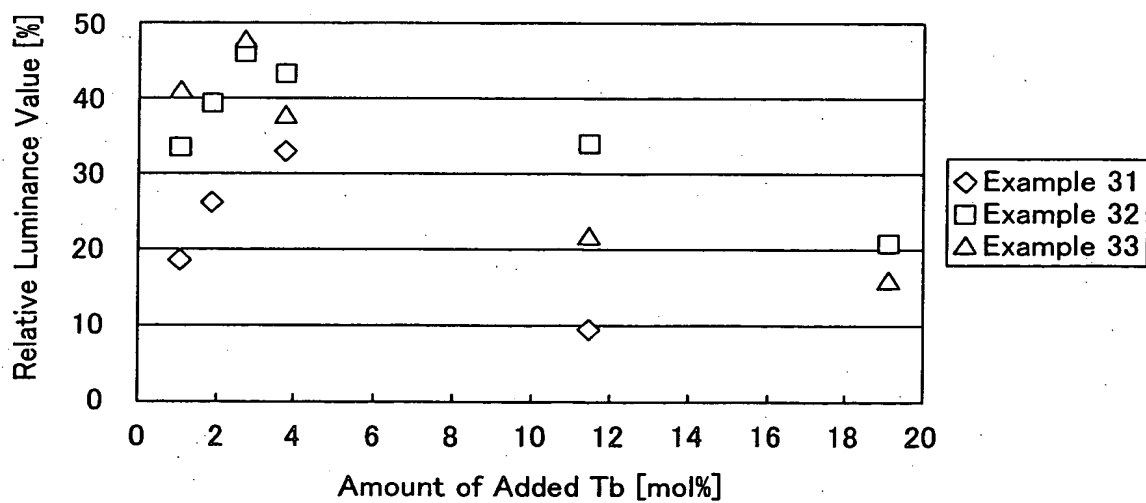
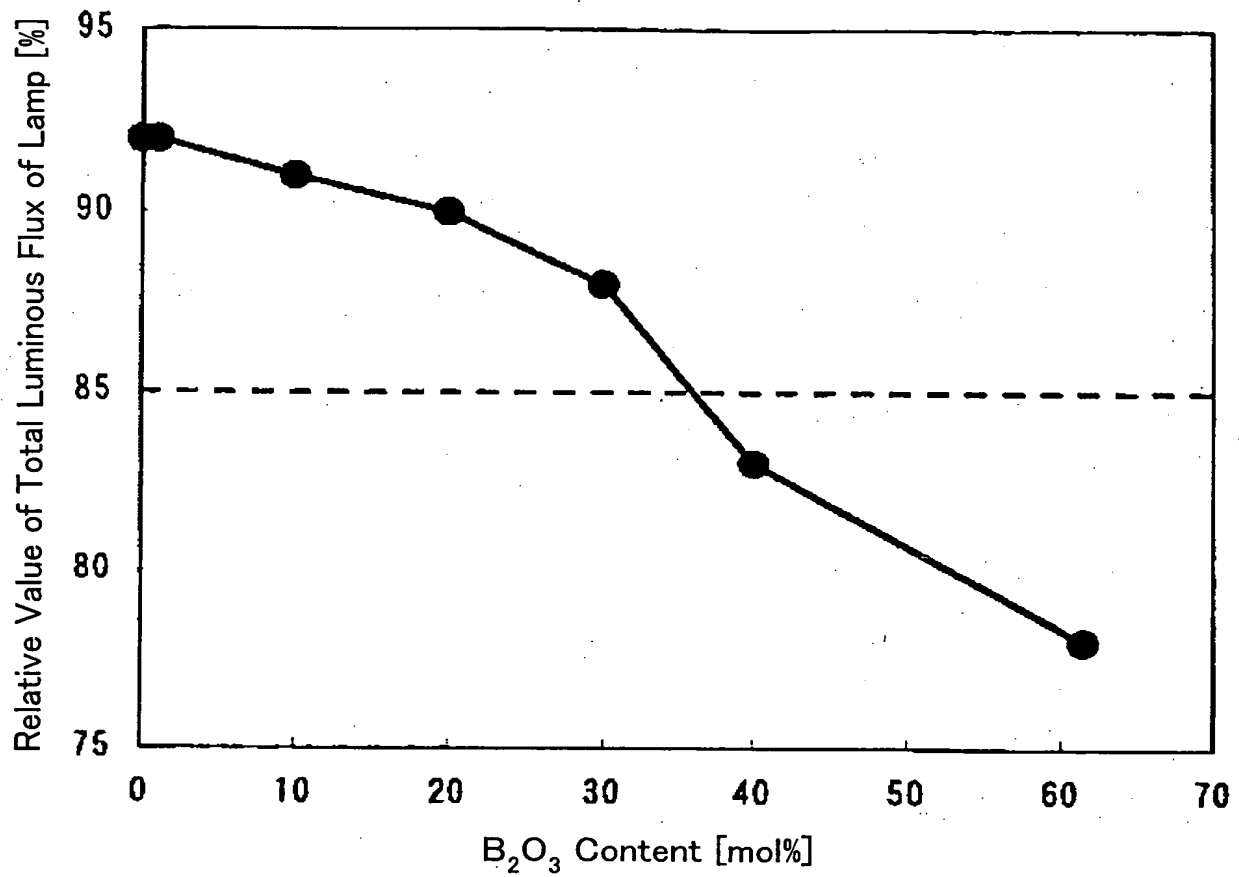


FIG. 2



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FIG. 3



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FIG. 4

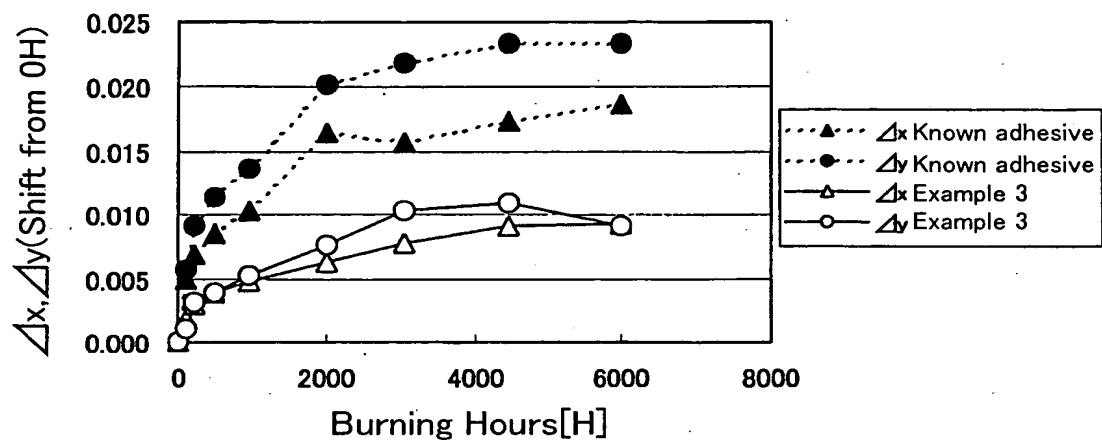
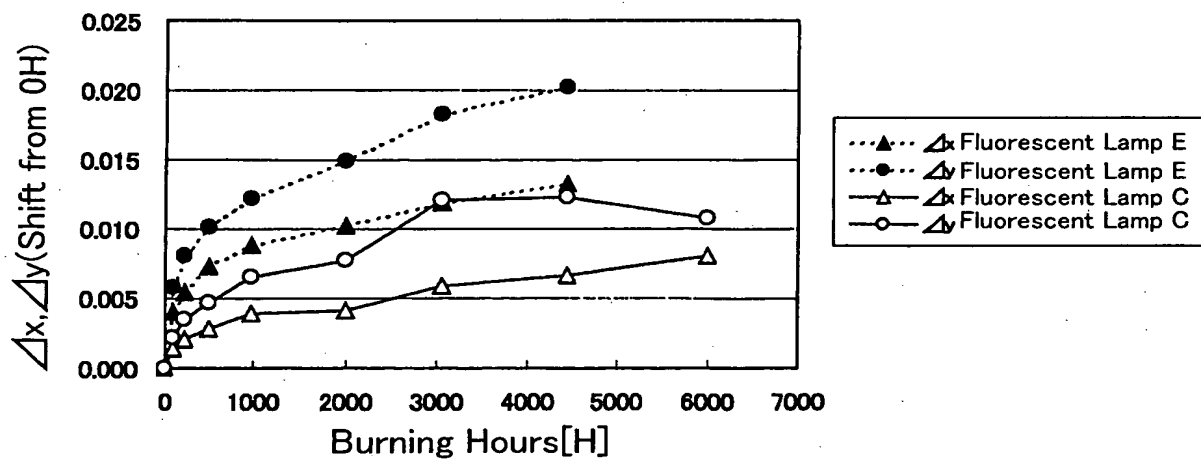


FIG. 5



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FIG. 6

	Example 1	Example 2	Example 3	Comparative Example 1	Comparative Example 2
SiO ₂	30.0	29.6	27.0	18.0	—
B ₂ O ₃	—	1.0	10.0	40.0	61.5
ZnO	20.0	19.8	18.0	12.0	—
Al ₂ O ₃	5.0	5.0	4.5	3.0	—
CaO	20.0	19.8	18.0	12.0	11.6
BaO	25.0	24.8	22.5	15.0	26.9
Stability	○	○	○	○	○
Tg(°C)	683	667	605	561	597
Coloration Test	96	97	97	80	64

FIG. 7

	Example 4	Example 5	Example 6	Reference Example 1
SiO ₂	26.4	26.1	25.8	25.5
B ₂ O ₃	12.0	13.0	14.0	15.0
ZnO	17.6	17.4	17.2	17.0
Al ₂ O ₃	4.40	4.35	4.3	4.25
CaO	17.6	17.4	17.2	17.0
BaO	22.00	21.75	21.50	21.25
Stability	○	○	○	○
Tg(°C)	---	---	---	---
Coloration Test	96.0	95.0	95.0	94.8

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FIG. 8

	Example 7	Example 8	Example 9	Comparative Example 3
SiO ₂	30.0	48.0	70.0	75.0
B ₂ O ₃	10.0	10.0	—	—
ZnO	21.0	16.0	5.0	5.0
Al ₂ O ₃	5.0	—	5.0	—
CaO	12.0	16.0	5.0	10.0
SrO	—	—	5.0	—
BaO	22.0	10.0	10.0	10.0
Stability	○	○	○	○
T _g (°C)	618	685	700	739
Coloration Test	97	98	97	98

FIG. 9

	Comparative Example 4	Comparative Example 5	Example 10	Example 11	Example 12
SiO ₂	10.0	16.0	17.5	15.0	20.0
B ₂ O ₃	8.0	2.0	2.5	10.0	10.0
ZnO	25.0	20.0	30.0	30.0	20.0
Al ₂ O ₃	7.0	5.0	5.0	10.0	5.0
CaO	25.0	25.0	22.5	15.0	20.0
BaO	25.0	32.0	22.5	20.0	25.0
Stability	×	×	△	○	○
T _g (°C)	—	—	655	607	646
Coloration Test	—	—	97	98	97

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FIG. 10

	Example 13	Example 14	Example 15	Example 16	Comparative Example 6
SiO ₂	27.0	27.0	27.0	27.0	27.0
B ₂ O ₃	10.0	10.0	10.0	10.0	10.0
ZnO	—	15.0	30.0	40.0	45.0
Al ₂ O ₃	4.5	4.5	4.5	4.5	4.5
CaO	21.0	21.0	12.7	8.2	6.0
SrO	15.0	—	—	—	—
BaO	22.5	22.5	15.8	10.3	7.5
Stability	○	○	○	△	×
T _g (°C)	650	653	636	627	—
Coloration Test	96	97	97	96	—

FIG. 11

	Example 17	Example 18	Example 19	Comparative Example 8
SiO ₂	65.0	68.1	63.0	60.0
B ₂ O ₃	9.2	8.6	10.0	10.0
ZnO	12.1	3.1	3.4	3.5
Al ₂ O ₃	4.5	6.7	6.4	6.5
MgO	—	7.0	10.0	12.0
CaO	3.8	3.5	7.2	4.0
BaO	5.4	3.0	—	4.0
Stability	○	○	△	×
T _g (°C)	677	665	675	—
Coloration Test	97	97	96	—

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FIG. 12

	Example 20	Example 21	Example 22	Example 23	Example 24	Example 25	Example 26	Example 27	Example 28	Example 29	Example 30
SiO ₂	30.0	30.0	30.0	30.0	30.0	30.0	28.0	30.0	30.0	30.0	30.0
B ₂ O ₃	10.0	10.0	10.0	10.0	10.0	10.0	5.0	10.0	10.0	10.0	10.0
ZnO	25.0	25.0	25.0	25.0	25.0	25.0	7.0	-	-	-	-
Al ₂ O ₃	5.0	5.0	5.0	5.0	5.0	5.0	-	-	-	-	-
CaO	30.0	-	-	17.0	20.0	-	-	-	30.0	20.0	-
SrO	-	30.0	-	13.0	-	20.0	60.0	-	30.0	-	20.0
BaO	-	-	30.0	-	10.0	10.0	-	60.0	-	40.0	40.0
Stability	○	○	○	○	○	○	○	○	○	○	○
Tg(°C)	655	608	625	638	647	635	559	661	629	680	620
Coloration Test	97	96	96	97	96	97	96	97	97	96	97

FIG. 13

[illegible]

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FIG. 14

	Example 31	Example 32	Example 33
SiO ₂	30.0	29.3	28.5
B ₂ O ₃	0.0	2.5	5.0
ZnO	20.0	19.5	19.0
Al ₂ O ₃	5.0	4.9	4.8
CaO	20.0	19.5	19.0
BaO	25.0	24.4	23.8
Stability	○	○	○
T _g (°C)	---	---	---
Coloration Test	96.0	96.0	96.0

FIG. 15

	Total Luminous Flux(%)	Index for Feeling of Contrast
Fluorescent Lamp A	92	120
Fluorescent Lamp B	92	119
Fluorescent Lamp C	91	119
Fluorescent Lamp D	83	120
Fluorescent Lamp E	78	120
Fluorescent Lamp F	100	100

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FIG. 16

	Example 34	Example 35	Example 36	Example 37	Example 38	Example 39	Example 40	Example 41	Example 42	Example 43	Compara- tive Example 7	Example 44	Example 45	Example 46	Example 47	Example 48	Example 49	Example 50
SiO ₂	24.0	21.0	25.5	-	10.0	45.0	25.0	24.0	23.0	23.5	25.0	40.0	40.0	40.0	40.0	40.0	40.0	20.0
B ₂ O ₃	20.0	30.0	15.0	30.0	20.0	25.0	20.8	20.0	19.2	18.3	10.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
ZnO	16.0	14.0	17.0	30.0	30.0	5.0	16.7	16.0	15.3	15.0	10.0	30.0	30.0	30.0	30.0	30.0	30.0	-
Al ₂ O ₃	4.0	3.5	4.25	5.0	5.0	5.0	-	4.0	8.0	10.0	20.0	5.0	5.0	5.0	5.0	5.0	5.0	-
MgO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CaO	16.0	14.0	17.0	15.0	15.0	10.0	16.7	16.0	15.3	15.0	15.0	5.0	-	-	4.0	3.0	-	60.0
SrO	-	-	-	-	-	-	-	-	-	-	-	-	5.0	-	1.0	-	2.0	-
BaO	20.0	17.5	21.25	20.0	20.0	10.0	20.8	20.0	19.2	18.2	20.0	-	-	5.0	-	2.0	3.0	-
Stability	O	O	O	O	O	O	O	O	O	Δ	x	O	O	O	O	O	O	O
Tg(°C)	569	574	-	556	593	623	633	619	621	619	-	613	598	608	610	611	604	681
Coloration Test	94	90	94.8	91	95	93	94	94	93	94	-	95	94	96	95	96	96	95